

Abstract

At least a mobile terminal 10, base station radio apparatuses 20a and 20b that communicate with the mobile terminal 10, and a radio base station control apparatus 30 that controls the transmission powers of the base station radio apparatuses 20a and 20b are at least provided. When a handover function test is performed between cells that are covered by the base station radio apparatuses 20a and 20b, the radio base station control apparatus 30 calculates a difference between the levels of the reception fields of the base station radio apparatuses 20a and 20b that cover the cells for which the handover test of the mobile terminal 10 is to be performed. Then, the radio base station control apparatus 30 controls the transmission powers of the base station radio apparatuses 20a and 20b so that the difference is equal to or smaller than a predetermined threshold value. Thereafter, the radio base station control apparatus 30 performs the handover function test between the cells covered by the base station radio apparatuses 20a and 20b, the difference between the levels of the reception fields from which is equal to or smaller than the threshold value.